```
         22   FILE DRUGU
        136   FILE EMBASE
  35 FILES SEARCHED...
         52   FILE ESBIOBASE
          1   FILE FEDRIP
          2   FILE FROSTI
          7   FILE FSTA
          1   FILE GENBANK
          9   FILE IFIPAT
         16   FILE JICST-EPLUS
         24   FILE LIFESCI
        152   FILE MEDLINE
          2   FILE OCEAN
         44   FILE PASCAL
          4   FILE PHIN
          5   FILE PROMT
          1   FILE RDISCLOSURE
        115   FILE SCISEARCH
         67   FILE TOXCENTER
        575   FILE USPATFULL
         36   FILE USPAT2
          2   FILE VETU
          1   FILE WATER
          9   FILE WPIDS
          9   FILE WPINDEX
          1   FILE CASREACT
  77 FILES SEARCHED...
        155   FILE EUROPATFULL
          2   FILE FRFULL
          1   FILE INPADOC
         38   FILE PATDPAFULL
        401   FILE PCTFULL

  45 FILES HAVE ONE OR MORE ANSWERS,    96 FILES SEARCHED IN STNINDEX

L2    QUE (DHA OR DOCOSAHEXAENOIC) AND ALBUMIN

=> file medline biosis caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     7.41       7.62

FILE 'MEDLINE' ENTERED AT 09:26:20 ON 11 AUG 2004

FILE 'BIOSIS' ENTERED AT 09:26:20 ON 11 AUG 2004
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=> DHA or docosahexaenoic  same  albumin
L3       13884 DHA OR DOCOSAHEXAENOIC SAME ALBUMIN

=>  docosahexaenoic  same  albumin
L4            0 DOCOSAHEXAENOIC SAME ALBUMIN

=> DHA  same  albumin
```

11/08/200409:44Print selected from Online session

FILE 'HOME' ENTERED AT 09:18:26 ON 11 AUG 2004

=> Index Bioscience patents
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
FILE 'ENCOMPPAT' ACCESS NOT AUTHORIZED
FILE 'ENCOMPPAT2' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, AQUALINE, ANABSTR, ANTE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS, DDFB, DDFU, DGENE, ...' ENTERED AT 09:18:45 ON 11 AUG 2004

96 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> "docosahexaenoic acid" same albumin
  17 FILES SEARCHED...
  28 FILES SEARCHED...
  39 FILES SEARCHED...
  56 FILES SEARCHED...
  72 FILES SEARCHED...
  79 FILES SEARCHED...
  93 FILES SEARCHED...

   0 FILES HAVE ONE OR MORE ANSWERS,   96 FILES SEARCHED IN STNINDEX

L1   QUE "DOCOSAHEXAENOIC ACID" SAME ALBUMIN

=> ("docosahexaenoic acid" or DHA or docosahexaenoic) same albumin
MISSING OPERATOR   SAME
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> (DHA or docosahexaenoic) same albumin
MISSING OPERATOR   SAME
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> (DHA or docosahexaenoic) and albumin
          4   FILE ADISCTI
         12   FILE AGRICOLA
          1   FILE ANABSTR
          2   FILE AQUASCI
          2   FILE BIOENG
        151   FILE BIOSIS
          3   FILE BIOTECHABS
          3   FILE BIOTECHDS
         33   FILE BIOTECHNO
         43   FILE CABA
         38   FILE CANCERLIT
        166   FILE CAPLUS
          1   FILE CEABA-VTB
         10   FILE DISSABS
         12   FILE DDFU

11/08/200409:44Print selected from Online session

L5 0 DHA SAME ALBUMIN

=> DHA adj15 albumin
L6 0 DHA ADJ15 ALBUMIN

=> DHA and albumin
L7 247 DHA AND ALBUMIN

=> docosahexaenoic and albumin
L8 363 DOCOSAHEXAENOIC AND ALBUMIN

=> "docosahexaenoic acid" and albumin
L9 343 "DOCOSAHEXAENOIC ACID" AND ALBUMIN

=> "docosahexaenoic acid" (p) albumin
L10 258 "DOCOSAHEXAENOIC ACID" (P) ALBUMIN

=> dupilcate remove
L11 0 DUPILCATE REMOVE

=> "docosahexaenoic acid" (p) albumin and " pharmaceutical composition"
L12 1 "DOCOSAHEXAENOIC ACID" (P) ALBUMIN AND " PHARMACEUTICAL COMPOSIT
ION"

=> d ti 1

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
TI Docosahexaenoates for inhibition of blood platelet-activating factor (PAF) production

=> d ab bib 1

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
AB Docosahexaenoates are useful for inhibition of PAF production, i.e. useful for treatment of asthma and other inflammatory and allergic diseases. Human leukemia Eol-1 cells were cultured in RPMI-1640 medium containing interferon-γ and bovine fetal serum for 3 days, cultured in the presence of 10 μM **docosahexaenoic acid** (I) for 1 day, and treated with MEM medium containing bovine serum **albumin** and 20 μM Ca ionophore A23187 at 37° for 5 min to show 39.65 pmol/107 cells PAF production, vs. 85.28 pmol/107 cells, for the controls. Gelatin soft capsules containing 99.7 weight% I and 0.3 weight% α-tocopherol were formulated.
AN 1993:463051 CAPLUS
DN 119:63051
TI Docosahexaenoates for inhibition of blood platelet-activating factor (PAF) production
IN Yazawa, Kazuyoshi; Masuzawa, Yasuo; Kano, Mayumi
PA Sagami Chem Res, Japan
SO Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05043456	A2	19930223	JP 1991-226338	19910813
PRAI	JP 1991-226338		19910813		

```
=> FIL STNGUIDE
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                        65.86      73.48

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)              SINCE FILE      TOTAL
                                                           ENTRY    SESSION
CA SUBSCRIBER PRICE                                        -0.74      -0.74

FILE 'STNGUIDE' ENTERED AT 09:32:00 ON 11 AUG 2004
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Aug  6, 2004 (20040806/UP).

=> "docosahexaenoic acid"  (p)  albumin and conjugated
             0 "DOCOSAHEXAENOIC"
             6 "ACID"
             1 "ACIDS"
             6 "ACID"
                 ("ACID" OR "ACIDS")
             0 "DOCOSAHEXAENOIC ACID"
                 ("DOCOSAHEXAENOIC"(W)"ACID")
             0 ALBUMIN
             0 "DOCOSAHEXAENOIC ACID"  (P)  ALBUMIN
             0 CONJUGATED
L13          0 "DOCOSAHEXAENOIC ACID"  (P)  ALBUMIN AND CONJUGATED

=> ("docosahexaenoic acid"  (p)  albumin) and conjugated
             0 "DOCOSAHEXAENOIC"
             6 "ACID"
             1 "ACIDS"
             6 "ACID"
                 ("ACID" OR "ACIDS")
             0 "DOCOSAHEXAENOIC ACID"
                 ("DOCOSAHEXAENOIC"(W)"ACID")
             0 ALBUMIN
             0 "DOCOSAHEXAENOIC ACID"  (P)  ALBUMIN
             0 CONJUGATED
L14          0 ("DOCOSAHEXAENOIC ACID"  (P)  ALBUMIN) AND CONJUGATED

=> ("docosahexaenoic acid"  (p)  albumin) and composition
             0 "DOCOSAHEXAENOIC"
             6 "ACID"
             1 "ACIDS"
             6 "ACID"
                 ("ACID" OR "ACIDS")
             0 "DOCOSAHEXAENOIC ACID"
                 ("DOCOSAHEXAENOIC"(W)"ACID")
             0 ALBUMIN
             0 "DOCOSAHEXAENOIC ACID"  (P)  ALBUMIN
            16 COMPOSITION
             1 COMPOSITIONS
            16 COMPOSITION
                 (COMPOSITION OR COMPOSITIONS)
```

11/08/200409:44Print selected from Online session

L19 0 "DOCOSAHEXAENOIC ACID" (P) ALBUMIN

=> file biosis medline caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.48	73.96

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.74

FILE 'BIOSIS' ENTERED AT 09:36:56 ON 11 AUG 2004
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FILE 'MEDLINE' ENTERED AT 09:36:56 ON 11 AUG 2004

FILE 'CAPLUS' ENTERED AT 09:36:56 ON 11 AUG 2004
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=> "docosahexaenoic acid" (p) albumin
L20 258 "DOCOSAHEXAENOIC ACID" (P) ALBUMIN

=> ("docosahexaenoic acid" (p) albumin) and composition
L21 48 ("DOCOSAHEXAENOIC ACID" (P) ALBUMIN) AND COMPOSITION

=> ("docosahexaenoic acid" (p) albumin) and composition and conjugated
L22 0 ("DOCOSAHEXAENOIC ACID" (P) ALBUMIN) AND COMPOSITION AND CONJUGATED

=> ("docosahexaenoic acid" (p) albumin) and composition and bound
L23 7 ("DOCOSAHEXAENOIC ACID" (P) ALBUMIN) AND COMPOSITION AND BOUND

=> d ti 1-7

L23 ANSWER 1 OF 7 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI INHIBITION OF APOLIPOPROTEIN SECRETION AND PHOSPHATIDATE PHOSPHOHYDROLASE ACTIVITY BY EICOSAPENTAENOIC AND DOCOSAHEXAENOIC ACIDS IN THE PERFUSED RAT LIVER.

L23 ANSWER 2 OF 7 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI FATTY ACIDS **BOUND** TO ALPHA FETOPROTEIN AND ALBUMIN DURING RAT DEVELOPMENT.

L23 ANSWER 3 OF 7 MEDLINE on STN
TI Inhibition of apolipoprotein secretion and phosphatidate phosphohydrolase activity by eicosapentaenoic and docosahexaenoic acids in the perfused rat liver.

L23 ANSWER 4 OF 7 MEDLINE on STN
TI Fatty acids **bound** to alpha-fetoprotein and albumin during rat development.

L23 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN
TI Inhibition of apolipoprotein secretion and phosphatidate phosphohydrolase activity by eicosapentaenoic and docosahexaenoic acids in the perfused rat liver

L23 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fatty acids **bound** to α-fetoprotein and albumin during rat development

L23 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN
TI Long-chain acyl-coenzyme A synthetase from rat brain microsomes. Kinetic studies using [1-14C]docosahexaenoic acid substrate

=> d ab bib 1,2,

L23 ANSWER 1 OF 7 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AB Infusion of **albumin-bound** eicosapentaenoic acid (EPA) **docosahexaenoic acid** (DHA), or oleic acid (OA) in perfused rat livers was carried out for two hours at a rate that maintained the perfusate concentration at 1 mmol/L. When compared with fatty acid-poor **albumin** alone, triacylglycerol (TAG) output was not significantly increased with DHA or EPA, whereas OA infusion resulted in a twofold increase. Incorporation of labeled leucine into VLDL apo B-100, apo B-48, apo E, and apo Cs was decreased by 50% by DHA or EPA compared with OA. The total phosphatidate phosphohydrolase activity was decreased by 35% with DHA or EPA compared to oleic acid or **albumin** alone. In no case was there a significant change in the distribution of activity between the microsomal and cytosolic factions. Fatty acid infusion did not significantly change the liver TAG content. Total liver lipids, microsomal lipids, and lipids of secreted VLDL were enriched with the infused fatty acids. The degree of enrichment for secreted TAG averaged 24% for OA and 36% for DHA or EPA. The effects of DHA and EPA on PPH activity and on apo B secretion in feeding experiments with marine oils rich in these acids may relate to changes in the fatty acid **composition** of liver membranes.
AN 1989:74490 BIOSIS
DN PREV198987038888; BA87:38888
TI INHIBITION OF APOLIPOPROTEIN SECRETION AND PHOSPHATIDATE PHOSPHOHYDROLASE ACTIVITY BY EICOSAPENTAENOIC AND DOCOSAHEXAENOIC ACIDS IN THE PERFUSED RAT LIVER.
AU WONG S H [Reprint author]; MARSH J B
CS DEP PHYSIOL BIOCHEM, MED COLL PA, PHILADELPHIA, PA 19129, USA
SO Metabolism Clinical and Experimental, (1988) Vol. 37, No. 12, pp. 1177-1181.
CODEN: METAAJ. ISSN: 0026-0495.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 23 Jan 1989
Last Updated on STN: 23 Jan 1989

L23 ANSWER 2 OF 7 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AB The time-course levels and **composition** of the fatty acids **bound** to rat α-fetoprotein (AFP) and **albumin** from several sources, were determined throughout development, and related to the intake of lipids from milk and the compositional changes in brain and liver fatty acids. The major fatty acids **bound** to AFP were polyunsaturated and mainly **docosahexaenoic acid** (22:6(n - 3)), either from fetal serum (23.1%) or whole fetuses (21.6%), whereas palmitic (34.1%) and oleic (29.9%) acids were the main acids **bound** to **albumin** from the same sources. Amniotic fluid AFP contained less fatty acids (0.8 mol/mol protein) than that of fetal serum (1.4 mol/mol protein), and especially noticeable was a reduced

amount of 22:6 (9.6%). Both AFP-concanavalin A microforms showed identical fatty acid **composition**. Levels of 22:6 **bound** to AFP decreased quickly after birth until a minimum at 8-10 days, increasing moderately thereafter. This minimum is coincident in time with a maximal accumulation of this fatty acid by brain and a loss of 22:6 by liver. Except for colostrum, levels of 22:6 in milk lipids were low and fairly constant, but always greater than those of its precursor, linolenic acid (18:3 (n - 3)). These results support a specialized role of AFP in the plasma transport and tissue delivery of polyunsaturated fatty acids, and mainly **docosahexaenoic acid**.

AN 1988:284784 BIOSIS
DN PREV198886013051; BA86:13051
TI FATTY ACIDS **BOUND** TO ALPHA FETOPROTEIN AND ALBUMIN DURING RAT DEVELOPMENT.
AU CALVO M [Reprint author]; NAVAL J; LAMPREAVE F; URIEL J; PINEIRO A
CS DEP TECNOL BIOQUIM ALIMENTOS, FAC VET, UNIV ZARAGOZA, MIGUEL SERVET 177, 50013 ZARAGOZA, SPAIN
SO Biochimica et Biophysica Acta, (1988) Vol. 959, No. 3, pp. 238-246. CODEN: BBACAQ. ISSN: 0006-3002.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 16 Jun 1988
Last Updated on STN: 16 Jun 1988